

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

CLAIM 1 (Original)

1. A tidal seepage meter, comprising:

- a) a power supply;
- b) a controller, operatively coupled to said power supply, capable of controlling said power supply in accordance with a sampling schedule.
- c) a motor, operatively coupled to said power supply, capable of receiving power from said power supply in accordance with said sampling schedule;
- d) a selector valve comprising an input port and at least two outlet ports, operatively coupled to said motor, capable of selecting an output valve in accordance with said sampling schedule;
- e) a seepage chamber, operatively coupled to said selector valve, capable of receiving seepage and inputting seepage to said selector valve via said input port;
- f) at least two sample containers, operatively coupled to said selector valve via at least two output valves, capable of receiving seepage from said selector valve via said output valve.

CLAIM 2 (Original)

2. The tidal seepage meter of Claim 1, wherein said controller further comprises a motor relay.

CLAIM 3 (Original)

3. The tidal seepage meter of Claim 1, wherein said tidal seepage meter further comprises a computer, operatively coupled to said controller.

CLAIM 4 (Original)

4. The tidal seepage meter of Claim 3, wherein said computer is operatively coupled to said controller during uploading of said sampling schedule.

CLAIM 5 (Original)

5. The tidal seepage meter of Claim 1, wherein said power supply comprises:
- i) a DC battery, capable of providing a voltage;
 - ii) an inverter, operatively coupled to said motor;
 - iii) a battery relay, operatively coupled to said controller, said inverter and said DC battery, capable of coupling said inverter and said DC battery in accordance with a sampling schedule.

CLAIM 6 (Original)

6. The tidal seepage meter of Claim 1, wherein said power supply comprises a DC battery capable of providing a voltage.

CLAIM 7 (Original)

7. The tidal seepage meter of Claim 1, wherein said selector valve comprises at least two multi-way selector valves.

CLAIM 8 (Original)

8. The tidal seepage meter of Claim 1, wherein said seepage chamber comprises a semi-enclosed chamber.

CLAIM 9 (Original)

9. The tidal seepage meter of Claim 1, wherein said motor comprises a stepper motor.

CLAIMS 10-22 (Canceled)